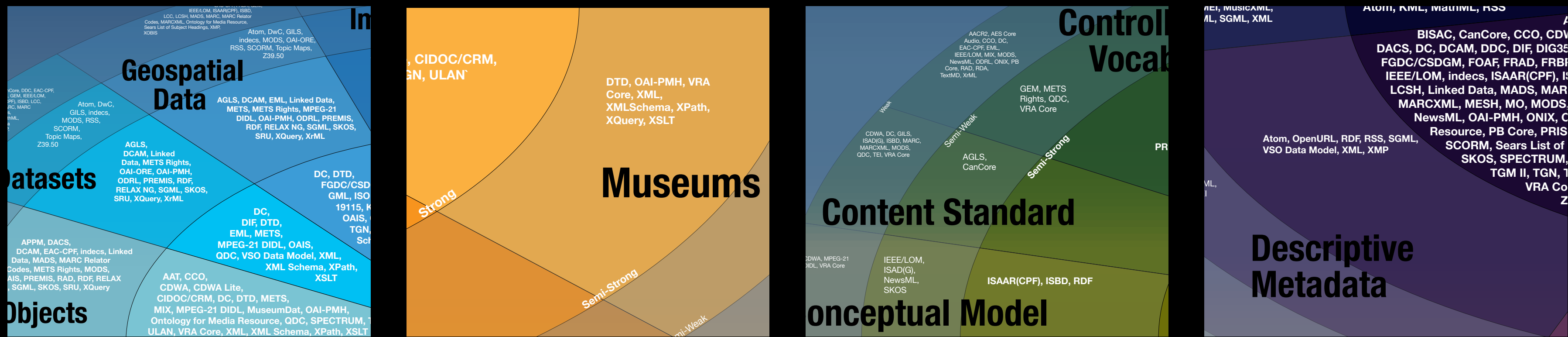


# Metadata Visualization of Heritage Information within a Collaborative Environment

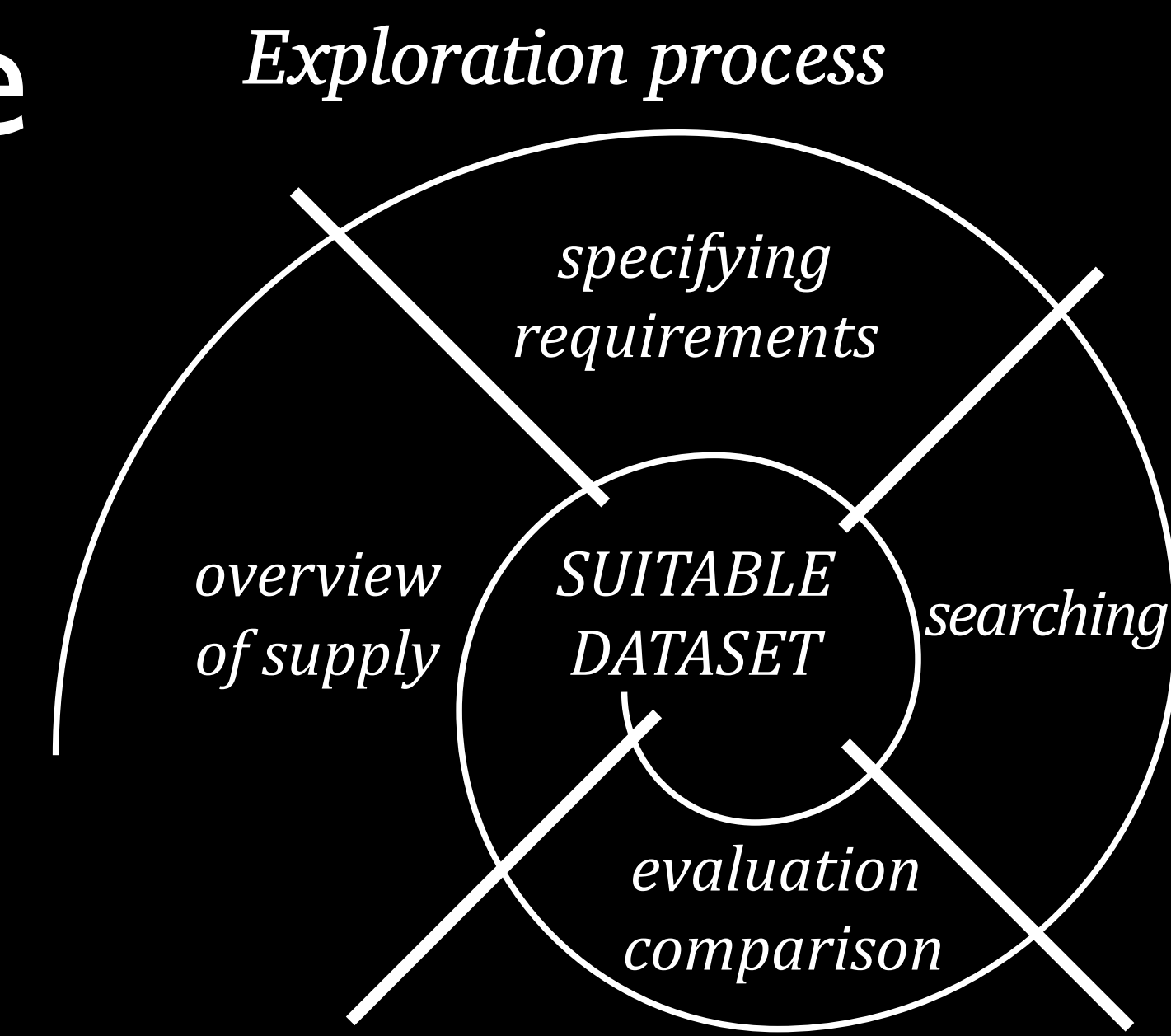
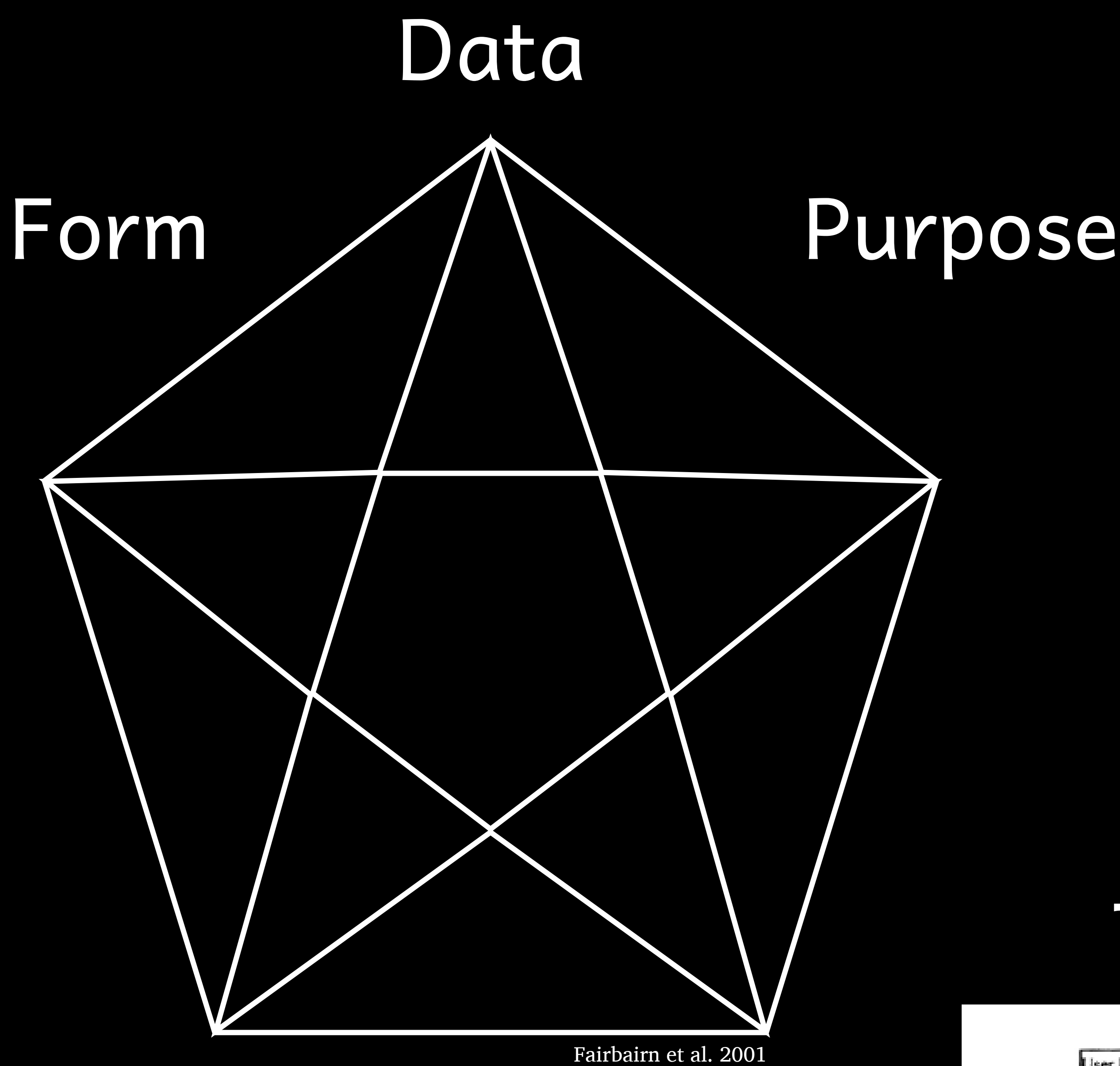
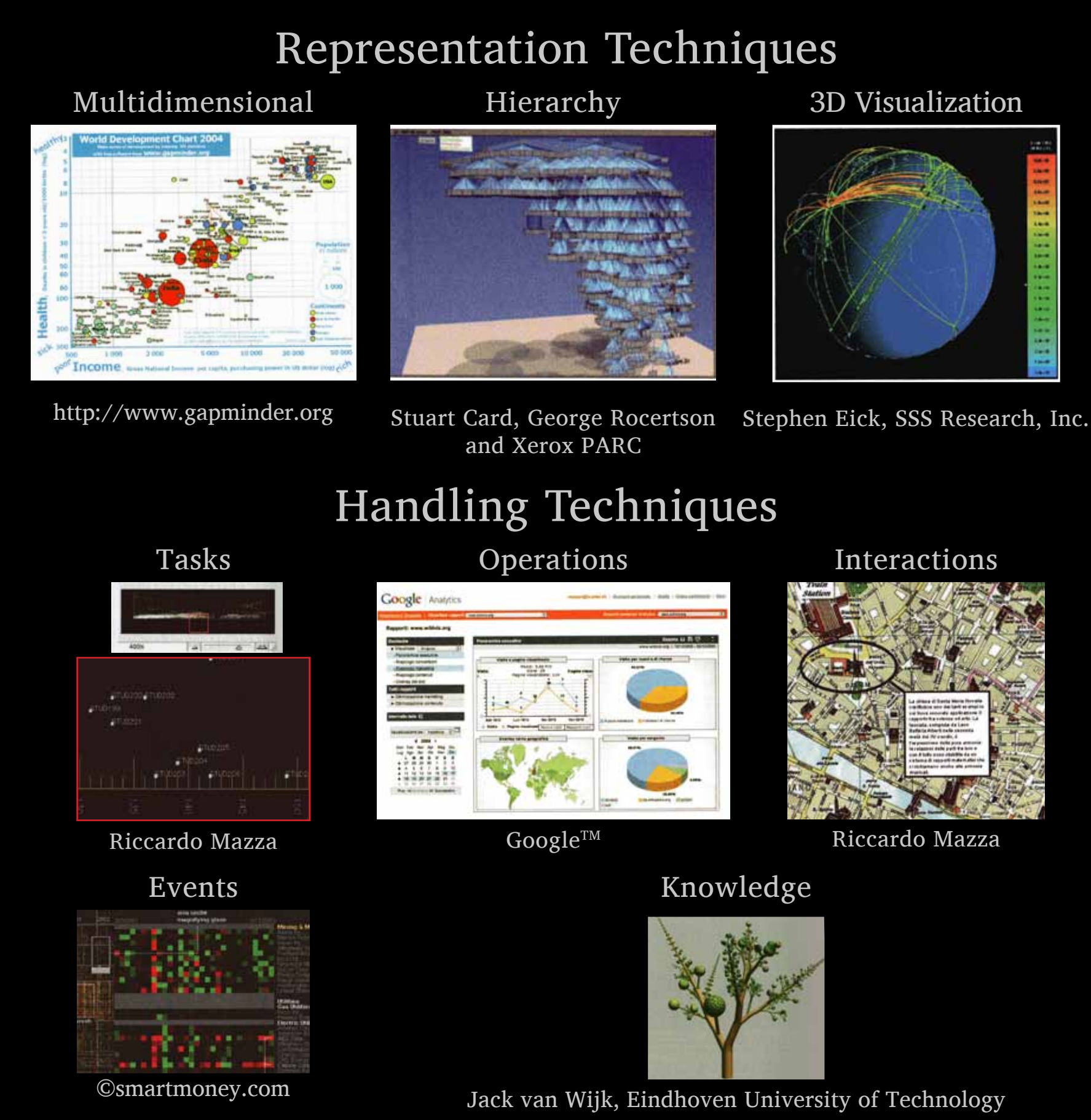
Arantza Respaldiza Hidalgo<sup>1</sup>, Monica Wachowicz<sup>2</sup> y Antonio Vázquez Hoehne<sup>1</sup>  
<sup>1</sup> Universidad Politécnica de Madrid (Spain)  
<sup>2</sup> University of New Brunswick (Canada)  
e-mail: ma.respaldiza@upm.es

## Motivation

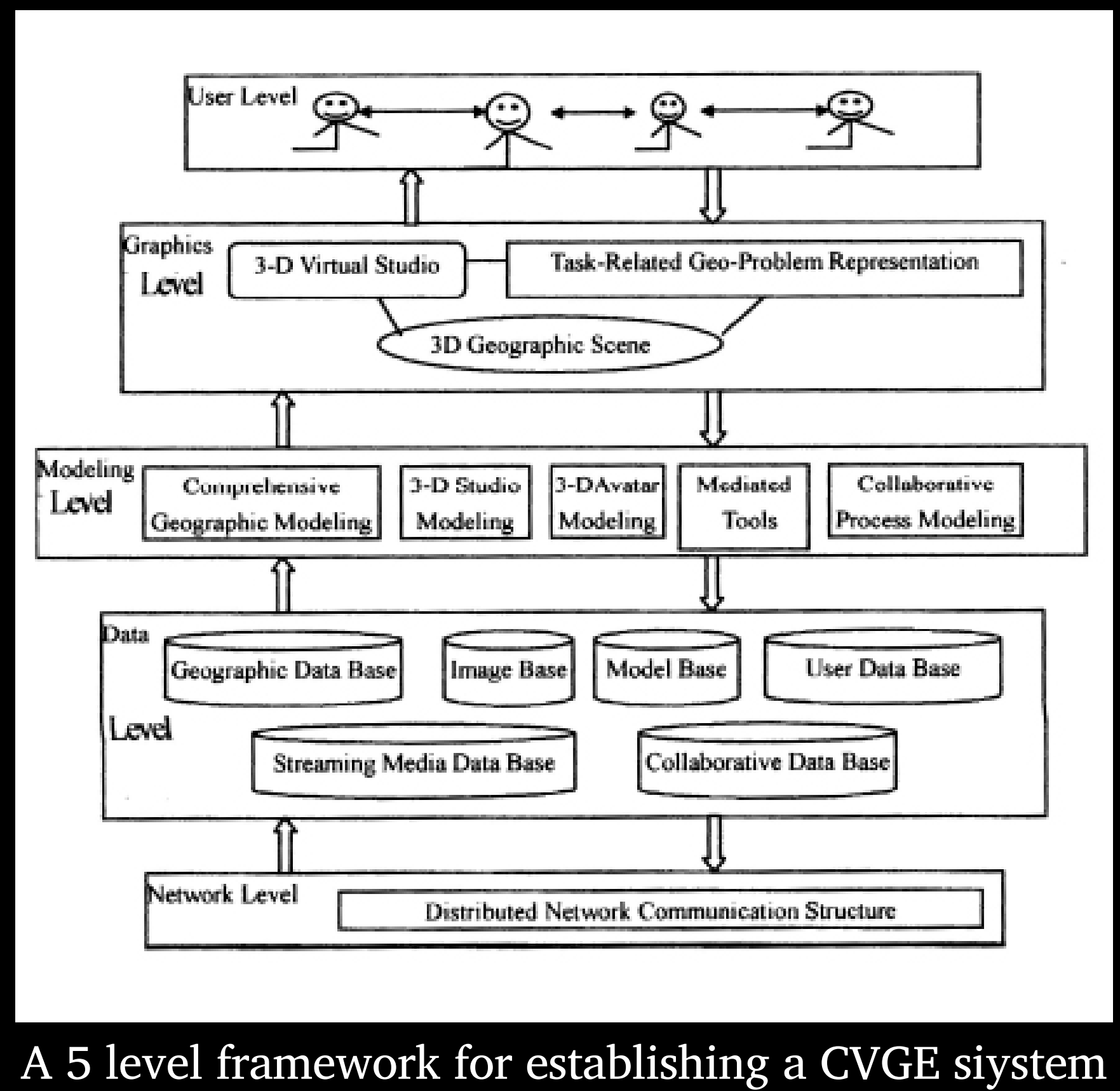
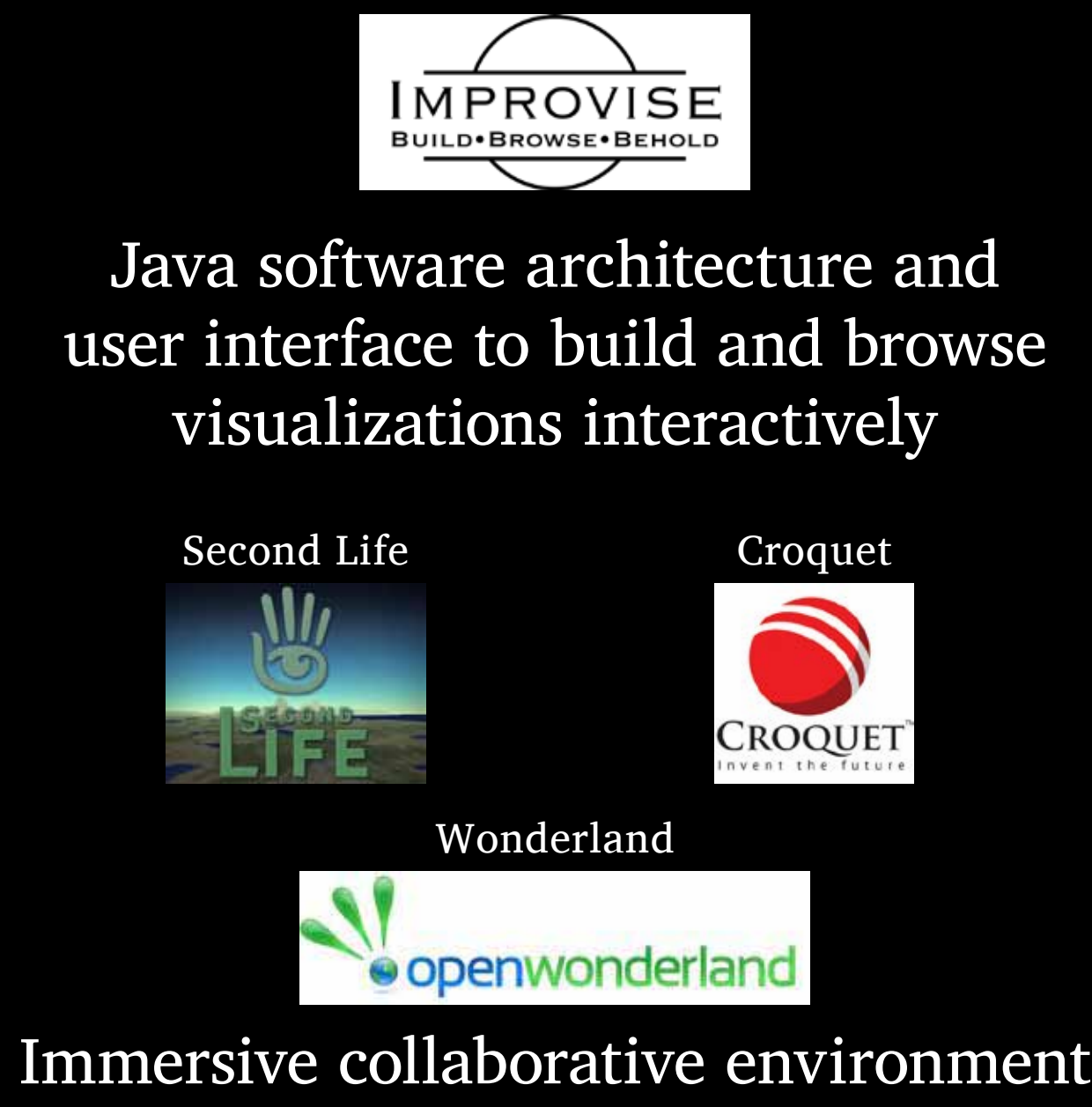
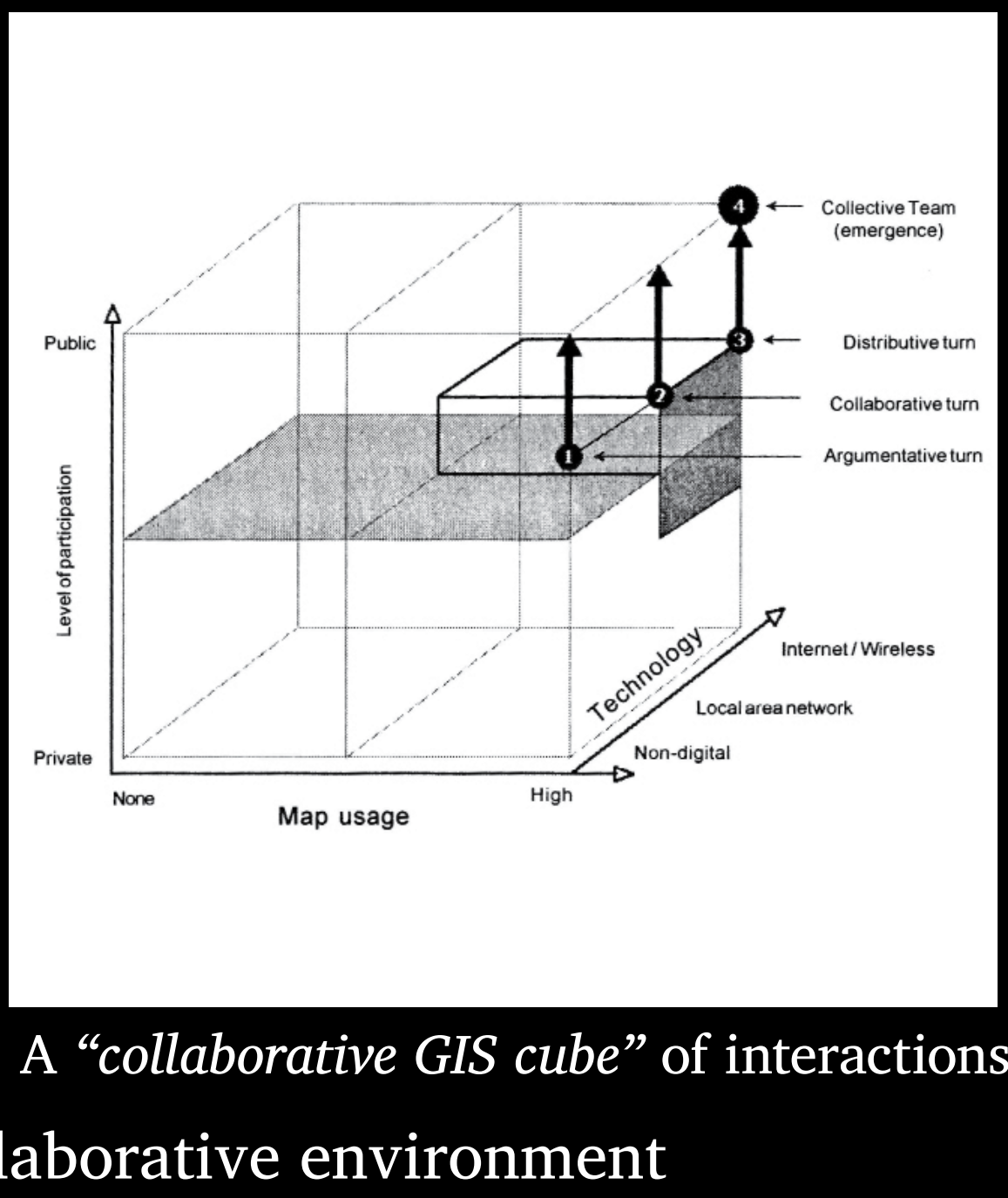
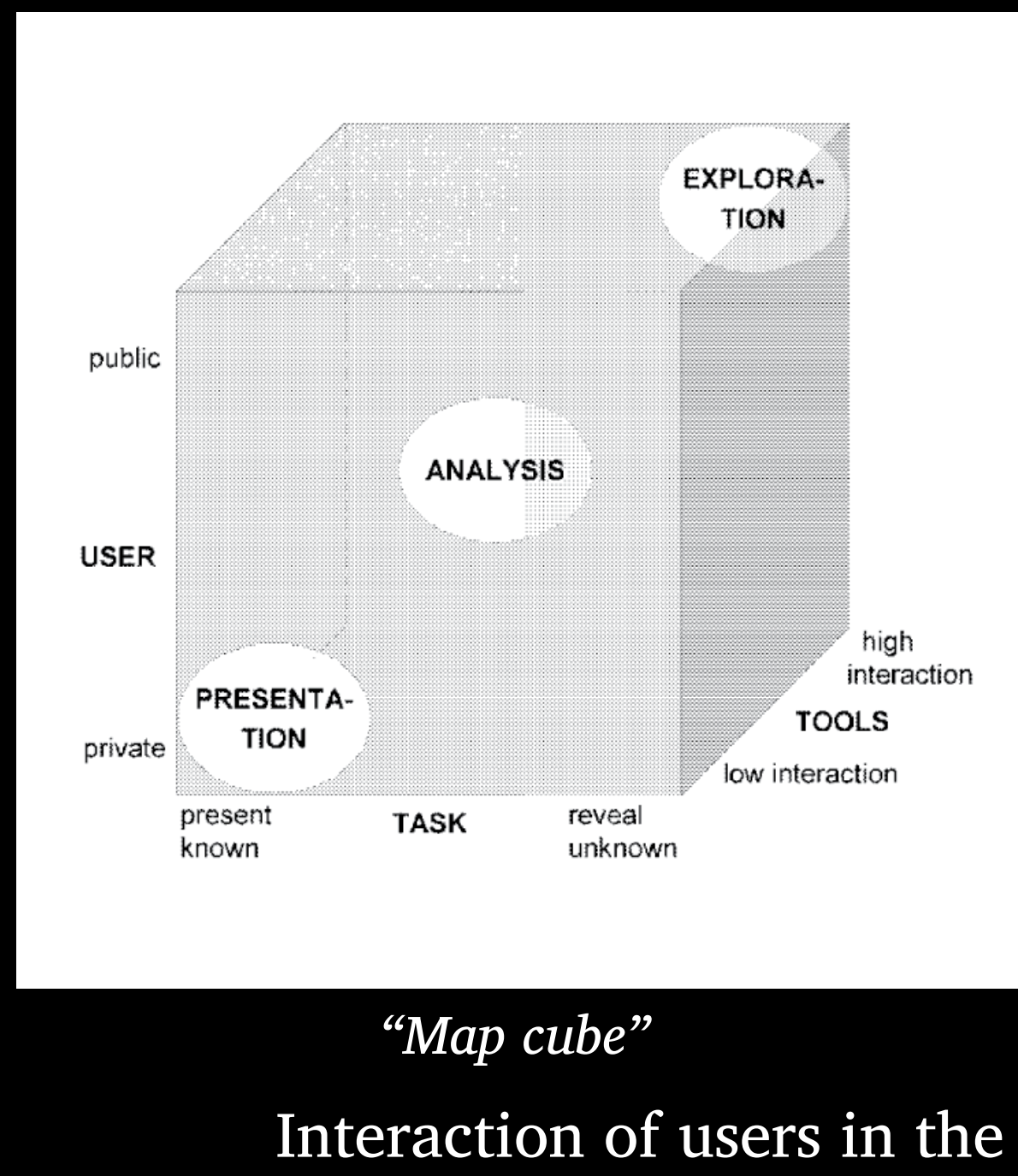
Cultural content on the Web is available in various domains (cultural objects, datasets, geospatial data, moving images, scholarly texts and visual resources), concerns various topics, is written in different languages, targeted to both laymen and experts, and provided by different communities (libraries, archives museums and information industry) and individuals. The integration of information technologies and cultural heritage content on the Web is expected to have an impact on everyday life from the point of view of institutions, communities and individuals. In particular, collaborative environments can recreate 3D navigable worlds that can offer new insights into our cultural heritage. (Chan 2007). However, the main barrier is to find and relate cultural heritage information by end-users of cultural contents, as well as by organization and communities managing and producing them.



## Methodology



## Impact



## Objectives

1. Review the suitability of different forms of representation applied to heritage information to different user interaction cases in a collaborative environments, and examine the impact on each of the cases.
2. Forms of representation derived from the semantic (spatial, temporal and thematic) of the metadata elements and evaluation purposes.

## Conclusions

Our first results indicate that collaborative environments can be a new way of improving user involvement in sharing heritage information by proving a new way of interaction between the user and a heritage information. The collaborative environment needs its own search interface and tailor the visualization of metadata of an information accordingly to the collaboration of the users.







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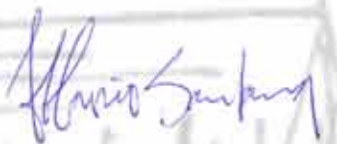
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A COLLABORATIVE ENVIRONMENT**



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